

L Number	Hits	Search Text	DB	Time stamp
7	1	5864857.pn. AND file\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 15:40
8	1	6542895.pn. AND file\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 15:43
9	1	5864857.pn. AND file\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 16:13
10	0	("5864857" "6542895").pn. AND error\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 16:13
11	0	("5864857" "6542895").pn. AND successful	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 16:13
12	1	("5864857" "6542895").pn. AND success\$7	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 17:00
13	1	("6212524").pn. AND success\$7	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 17:00
14	1	("6212524").pn. AND error\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 17:00
-	398	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/27 12:21
-	1	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND layer\$1) AND (layer\$1 NEAR2 rule\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/24 16:23
-	84	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND layer\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/24 16:24
-	33	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND hitachi.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/24 16:25
-	399	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 17:25
-	9	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND 707/\$.ccls.) AND ((updat\$3 register\$3) NEAR4 (dimension\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 15:12
-	12	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND 707/\$.ccls.) AND ((updat\$3 register\$3) NEAR4 (dimension\$3 hierarch\$6))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 15:12
-	165	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND 707/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 16:06

-	57	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) AND (dimension NEAR2 table\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 17:07
-	73	star NEAR2 schema	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 17:07
-	443	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 18:03
-	49	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)) AND ((add\$3 updat\$3 register\$3) NEAR4 dimension\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 18:24
-	17	(((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)) AND ((add\$3 updat\$3 register\$3) NEAR4 dimension\$1)) AND rule\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 17:26
-	50	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)) AND (dimension\$1 NEAR4 member\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 18:28
-	2	6721760.pn. AND dimension\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 18:30
-	2	6721760.pn. AND dimension\$3 AND member\$1	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 18:45
-	1	6721760.pn. AND ((regist\$8 creat\$3 add\$3 insert\$3 updat\$3) NEAR6 member\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 19:06
-	34	((((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)) AND ((regist\$8 creat\$3 add\$3 insert\$3 updat\$3) NEAR6 member\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 19:07
-	1	6721760.pn. AND ((regist\$8 creat\$3 add\$3 insert\$3 updat\$3) NEAR6 member\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/25 19:07
-	443	((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 12:21
-	773701	hitachi.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 12:21
-	270	hitachi.as. AND (dimension\$1 NEAR4 member\$1)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 12:22
-	1	hitachi.as. AND (register\$3 NEAR6 (dimension\$1 NEAR4 member\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 12:22
-	2	hitachi.as. AND (add\$3 NEAR6 (dimension\$1 NEAR4 member\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 14:10
-	0	hitachi.as. AND (updat\$3 NEAR6 (dimension\$1 NEAR4 member\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 14:10

-	9	((regist\$7 add\$3 insert\$3 creat\$3) NEAR4 (dimension NEAR2 member\$1)) AND olap	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 18:03
-	191	((regist\$7 add\$3 insert\$3 creat\$3) NEAR4 (dimension NEAR2 member\$1))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 18:03
-	77	((((regist\$7 add\$3 insert\$3 creat\$3) NEAR4 (dimension NEAR2 member\$1))) AND ((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 18:04
-	7	((((regist\$7 add\$3 insert\$3 creat\$3) NEAR4 (dimension NEAR2 member\$1))) AND (((multidimension\$3 (multi-dimension\$3) (multi ADJ1 dimension\$3)) NEAR2 database\$1) or (star NEAR2 schema))	USPAT; EPO; JPO; DERWENT; IBM_TDB	2004/05/26 18:04

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1 User-cognizant multidimensional analysis

Sunita Sarawagi

September 2001 **The VLDB Journal — The International Journal on Very Large Data****Bases**, Volume 10 Issue 2-3Full text available: [pdf\(248.65 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Our goal is to enhance multidimensional database systems with a suite of advanced operators to automate data analysis tasks that are currently handled through manual exploration. In this paper, we present a key component of our system that characterizes the information content of a cell based on a user's prior familiarity with the cube and provides a context-sensitive exploration of the cube. There are three main modules of this component. A Tracker, that continuously tracks the parts of the cub ...

Keywords: Maximum entropy, Multidimensional data exploration, OLAP, Personalized mining, User-sensitive interest measure

2 Observations on nondeterministic multidimensional iterative arrays

Joel I. Seiferas

April 1974 **Proceedings of the sixth annual ACM symposium on Theory of computing**Full text available: [pdf\(878.38 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Let NIA(d) be the family of languages accepted within linear time by nondeterministic d-dimensional iterative arrays. (On-line deterministic multidimensional iterative arrays have been studied by Cole [2].) It has been observed [8] that every language accepted by a one-dimensional single-head Turing machine simultaneously within time n^2 and space n is in NIA(2). Our main result (Theorem 2) generalizes this observation to NTIME(nd

3 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide